

FlexiPump®

Peristaltic pump for liquid distribution

Ref. 561 000



In compliance with:



Manufacture:



FlexiPump® is a peristaltic dosing pump for distribution culture media, agar and all types of diluent, from 50 µL to 99 L. Compact and ergonomic, it features an intuitive interface.

OVERVIEW

- All stainless steel 304 L body
- Higher control with handy gun, plugged in 3.5 mm jack

DISTRIBUTION

- Volume distribution in Dose or Multidose mode: 50 µL to 99 L
- Typical accuracy with inner Ø 3.2 mm tubings
 - 9 mL : ± 1.8%
 - 18 mL : ± 1%
 - 225 mL : ± 0.5%
- Distribution modes: Continuous - Dose - Multidose
- 32 customizable programs
- Pause time in Multidose mode: adjustable from 0.1 to 99.9 s
- Number of distributions for 9 mL tubes: 35 9 mL tubes in 1 min (in Multidose mode with a delay of 0.1 s under optimal conditions)
- Number of distributions for 18 mL plates: 26 plates of 18 mL in 1 min (in Multidose mode with a delay of 0.1 s under optimal conditions)
- Number of distributions for 220 mL sample bags: 5 distributions of 220 mL in 1 min (in Multidose mode with a delay of 0.1 s under optimal conditions)
- Watson Marlow™ simple pump with 3 rollers
- Flow rate: 1.5 mL/min to 1.25 L/min
- Speed: 10 to 550 rpm
- Tubing materials: Tygon™ (for pump head) and silicone

SPECIFICATIONS

- Supply voltage and frequency: 100-240 V ~ 50-60 Hz
- Fuses: T 2.5 A L 250 V 5x20 mm
- Max. power: 50 W
- IP: 31

- Warranty: 1 year
- Spare parts availability: 10 years

- Designed and manufactured in France
- In compliance with ISO 7218, ISO 6887 and FDA BAM (Bacteriological Analytical Manual) standards
- CE, UKCA, RoHS, WEEE manufacturing
- Suitable for use in accordance with Good Laboratory Practice (GLP)

WEIGHTS AND DIMENSIONS

FlexiPump®	• Dimensions (W x D x H)	16.1 x 27.3 x 20.8 cm
	• Net weight	5.40 kg
	• Gross weight	8.20 kg
Boxing	• Dimensions (W x D x H)	50 x 40 x 40 cm

DELIVERED WITH

- 1 Watson Marlow™ peristaltic pump head
- 1 3.2 mm distribution set (nozzle + cap + GL45 screw cap + filter + tubings + tube weight)
- 1 power cord
- 1 user manual
- 1 free pack of blender bags
- 1 certificate of conformity / warranty card

ACCESSORIES

- Ref. 413 002 2 L bottle (GL45): Set of 3 GL45 glass bottles (2 L), autoclavable
- Ref. 507 008 Foot pedal: for easy distribution (3.5 mm jack input)
- Ref. 513 001 5 L bottle (GL45): GL45 glass bottle (5 L), autoclavable
- Ref. 513 015 Independent rack for broth bags: Independent holder for 2 broth bags
- Ref. 561 001 Handy gun: handy gun with electronic knob for higher control during distribution
- Ref. 561 002 Adjustable distribution arm: For filling various containers

TUBINGS

- Ref. 413 028 Tube weights (Ø 3 mm): Set of 5 tube weights (inner Ø 3 mm)
- Ref. 513 011 Tubings for pump (Ø 4.8 mm): Set of 6 Tygon™ tubings for pump part (20 cm). Inner Ø 4.8 mm
- Ref. 513 020 Trocar: Stainless steel trocar + cap for broth bags
- Ref. 513 023 PTFE filters 0.2 µm (Ø 25 mm): Set of 5 autoclavable PTFE filters (0.2 µm) for GL45 bottle
- Ref. 513 024 Nozzles (tubings Ø 4.8 - 8 mm): Set of 5 PEEK nozzles + caps for tubings from 4.8 to 8 mm inner diameter
- Ref. 513 039 Tube weights (Ø 6 mm): Set of 5 PTFE tube weights - Ø 6 mm
- Ref. 513 040 Nozzles (tubings Ø 1.6 - 3.2 mm): Set of 5 PEEK nozzles + caps for tubings from 1.6 to 3.2 mm inner diameter
- Ref. 513 048 Cap (Ø 1.6 - 3.2 mm): Set of 5 protection caps for nozzles (tubings Ø 1.6 - 3.2 mm) or trocar
- Ref. 513 052 Tubings for pump Steriwater (Ø 6.4 mm): Set of 2 Tygon™ tubings for pump part (50 cm) + 2 filters 0.2 µm. Inner Ø 6.4 mm
- Ref. 561 050 Dispensing assembly Steriwater (GL45 - Ø 6.4 mm): Set of silicone tubings inner Ø 6.4 mm + GL45 screw cap + filter + tube weight + nozzle + cap + 0.2 µm filter - Compatible with FlexiPump
- Ref. 561 101 Dispensing assembly (GL45 - Ø 1.6 mm): Set of silicone tubings inner Ø 1.6 mm + GL45 screw cap + tube weight + nozzle + cap + filter
- Ref. 561 102 Dispensing assembly (GL45 - Ø 3.2 mm): Set of silicone tubings inner Ø 3.2 mm + GL45 screw cap + tube weight + nozzle + cap + filter
- Ref. 561 103 Dispensing assembly (GL45 - Ø 4.8 mm): Set of silicone tubings inner Ø 4.8 mm + GL45 screw cap + tube weight + nozzle + cap + filter
- Ref. 561 104 Dispensing assembly (GL45 - Ø 6.4 mm): Set of silicone tubings inner Ø 6.4 mm + GL45 screw cap + tube weight + nozzle + cap + filter
- Ref. 561 105 Dispensing assembly (GL45 - Ø 8 mm): Set of silicone tubings inner Ø 8 mm + GL45 screw cap + tube weight + nozzle + cap + filter
- Ref. 561 201 Tubings (Ø 1.6 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner Ø 1.6 mm

- Ref. 561 202 Tubings (Ø 3.2 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner Ø 3.2 mm
- Ref. 561 203 Tubings (Ø 4.8 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner Ø 4.8 mm
- Ref. 561 204 Tubings (Ø 6.4 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner Ø 6.4 mm
- Ref. 561 205 Tubings (Ø 8 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner Ø 8 mm
- Ref. 561 301 Tubings for pump (Ø 1.6 mm): Set of 6 Tygon™ tubings for pump part (20 cm). Inner Ø 1.6 mm
- Ref. 561 302 Tubings for pump (Ø 3.2 mm): Pack of 6 Tygon™ tubings for pump part (20 cm). Inner Ø 3.2 mm
- Ref. 561 304 Tubings for pump (Ø 6.4 mm): Set of 6 Tygon™ tubings for pump part (20 cm). Inner Ø 6.4 mm
- Ref. 561 305 Tubings for pump (Ø 8 mm): Set of 6 Tygon™ tubings for pump part (20 cm). Inner Ø 8 mm
- Ref. 561 401 Autoclavable GL45 stopper + 0.2 µm filter: Autoclavable stopper for GL45 bottle + 0.2 µm filter
- Ref. 561 402 Straight connectors (tubings Ø 1.6 mm): Set of 6 straight plastic connectors for inner Ø 1.6 mm tubings
- Ref. 561 403 Straight connectors (tubings Ø 6.4 - 8 mm): Set of 6 straight plastic connectors for inner Ø 6.4 and 8 mm tubings
- Ref. 561 404 Straight connectors (tubings Ø 3.2 - 4.8 mm): Set of 6 straight plastic connectors for inner Ø 4.8 and 3.2 mm tubings